

SOLUTION FOR SEALING POROUS METAL SUBSTRATES AND PROCESS OF APPLYING THE SOLUTION

Abstract

An aqueous inorganic solution for sealing the porosity of metal components made of sintered compacted powdered metal and castings formed from liquid metal, and a process for applying the solution onto the components. The solution consists primarily of a blend of inorganic metallic salt silicates with the metal ions being taken from Group 1A elements.